## Recreational Use Attainability Analysis

### **Cover Sheet**

Water Body Name: Collier Creek	
Water Body Identification #: 72)	
Completed UAA Checklist:  Pre-Field Preparatory Data Sheet  Maps with actual survey sites marked	
☐ Data Sheet A☐ Data Sheet B – 3 of 3 pages for each site	
<ul> <li>Number of Sites:6</li> <li>Data Sheet C (if applicable)</li> <li>Number of Interviews:</li> </ul>	
Photographs  O Quantities  Upstream	
<ul> <li>Upstream 6</li> <li>Downstream 6</li> <li>Other (06-0680 (1))</li> </ul>	
I, the undersigned, hereby affirm to the best of my k is true and accurate.	nowledge, that all information reported in this UAA
4.2.4.2	
Printed Name: Alex Porteous  Organization: Tetra Tech	Date:
Organization: Tetra Tech	Position: Field member

### <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad)  Collier Creek
8-digit HUC: 0721 87:04 Missouri Water Body Identification (WBID) #: 72 1
County: Callaway
Upstream Legal Description: 38,6654, - 91,89115
Downstream Legal Description: 38,6701, 38,6701, 91,87467
Discharger Facility Name(s): Mokane WWTF
Discharger Permit Number(s): MOND 6275
Weather Conditions for Past 7 days:

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

Date: <u>06/23/06</u>

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet A - Water Body Identification

W. D. I.N.
Water Body Name: Collier Creek
WBID #: 72 (
Upstream Coordinates:
(WGS 84, ddd.ddddd) 38.6784\ -91.86993
Downstream Coordinates:
(WGS 84, ddd.ddddd) 36,67786, -91,86,948
Current Weather Conditions:
Number of Sites Evaluated: (o
Name(s) of Surveyor(s):
Alex Porteaus, Jon Bearn

**WBID** # 72 | Site # 736

Date: 06/23/06

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

	Latitude (ddd.dddd): //	24 67841	7	*	101 040	,		
	Longitude (ddd.dddd): Woq/, 86 993  Photo Ids: Upstream: Downstream:					Arrival Time:		
	Photo Idea Unetranni					13:50		
						Other:		
	106-06	82	(	06 <i>-06</i> 83				
N	arrative Description	of Location: (De	scribe	e access point to stream, nea	arby road	s, landmarks, etc.	)	
	80 m. May5+ream	1 Stream	Ø.	cce 55				
Site	urrounding Condition one of interest.)	IS*: (Mark all that	orome	ote or impede recreational u	ses. Atta	ch photos of evide	ence or unusual	
	☐ City/county parks	☐ Playgrounds		MDC conservation lands	□ Uri	ban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks		National forests	□ Na	ture trails	☐ Stairs/walkway	
	☐ No trespass sign	☐ Fence		Steep slopes	☐ Oth	☐ Other:		
Н	uman Uses Observed	*• T			<b>T</b>			
	Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tu	bing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking	<del></del>	☐ Boating	☐ Wading		☐ Rafting	
	☐ Hunting	☐ Trapping		☐ Fishing	□ No	ne of the above	☐ Other:	
				g, frequency of use, photo-	locumen	tation of evidence	of recreational uses, etc.)	
E	idence of Human Use	*:			· · · · · · · · · · · · · · · · · · ·			
	☐ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering		□ RV / ATV Tracks	
	☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge		☐ Fishing Tackle	
	☐ Other:							
So	urces of Pollution: (e.g	, trash dumping, tii	es, di	rainages, discharges, etc.)				

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Date: <u>06/</u>	23/06							·	
		Data	Sheet B - Site	Characte	erization –	2 of 3			
Stream Morp Upstream	View Physic		ensions: U	PS+rean	n Dry	Cre	ek Bed		
	Distance access point		Width (m)	]	Length (m)		vg. Depth (m)	Max Depth (m)	
☐ Riffle									
☐ Run						-			
☐ Pool									
☐ Flow	Present?	□ Yes	□ No	Velo	city (ft/sec):	<del></del>			
Downstrea	m View Phy	vsical Di	imancione:						
	Distance access poin	from	Width (m)		ength (m)	A	vg. Depth (m)	Max Depth (m)	
☐ Riffle									
☐ Run									
Pool	75 m	1	Im		5 m		.05	.05	
☐ Flow	Present?	□ Yes	Ū∕ No	Veloc	city (ft/sec):		<del></del>		
Suhetrato** (*	Those waters of	·1.11.1	. 1000/)						
Substrate*: (		nouid add 3⊘% Gr		% Sand	2 -	% Silt	% Mud/Clay	9/ D-11	
<u> </u>			1 37 (7					% Bedrock	
Aquatic Veget	tation*: (Not	te amount	of vegetation or a	lgal growth	at the assessi	ment site.	)		
		hone	observed	( 					
Water Charac	cteristics*: (	Mark all t	hat apply.)						
Odor:	□ Sew		□ Musky	☐ Chemic	al 🕒	None	☐ Other:		
Color:	□ Clea	ır	☐ Green	□ Gray	Q		☐ Other:		
Bottom Depo	osit: 🗆 Slud	lge	□ Solids	☐ Fine sec	liments 🗆	None	☐ Other:		
Surface Depo	osit: □ Oil		□ Scum	□ Foam	Ð	None	☐ Other:		

WBID # 721 Site # 736

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<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 72  Site # 136	4
Date: 6 / 23 / 2006	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	ıl

WBID # 721 Site # 736

### Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you per If so, plea		s water body for re	ecreation since 1975?	□ Yes □ No				
☐ Swimming	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
3. Have you obs	☐ 1 – 5 times ☐ Less than ————————————————————————————————————	1 time per year – p	lease describe:					
If so, plea	ise check ALL t	hat apply:	T					
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing ☐ Rafting				
☐ Wind surfing ☐ Hunting	☐ Kayaking	Boating	□ Wading					
	☐ Trapping	☐ Fishing	☐ None of the above	Other:				
[								
4. Additional Co	omments:							

Address:

WBID# 721 Site# 735

Date: 06/23/06

### Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization -1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	N 38.6778	Arrival Time:					
Longitude (ddd.dddd):  Photo Ids: Upstream:	W091,8690	15:34	, )				
Photo Ids: Upstream:	D	ownstream:	Other:	<del>y</del>			
106-069	31LC	06-0679	106-0680	2			
Narrative Description	of Location: (Des	cribe access point to stream, n	earby roads, landmarks, etc.)	1			
Collier	Dr. (F.	irst wossing 1	Jorth of 94.				
Surrounding Condition tems of interest.)	ns*: (Mark all that p	romote or impede recreational	uses. Attach photos of evide	nce or unusual			
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:				
Human Uses Observed	*:						
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the above ☐ Other:						
Describe: (include number	er of individuals recr	eating, frequency of use, photo	o-documentation of evidence	of recreational uses, etc.)			
,							
Evidence of Human Use	e*:						
☑ Roads	☐ Foot paths/print	s Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
☑ Other: (06-06:	80 2 ca	ge of beer; cl	eaned bird				
ources of Pollution: (e.g	g., trash dumping, tir	es, drainages, discharges, etc.)					

WBÌD	#	<u>y</u>	<u> </u>	Site	#	735
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Date: <u>66/23/06</u>

### Data Sheet B - Site Characterization - 2 of 3

tream Morph <u>Upstream V</u>	iology: 'iew Physical Din	nensions:	000	River	Bea	/	
	Distance from access point (m)	Width (m	1)	Length (m)		Avg. Depth (m)	Max Depth (m)
□ Riffle							
□ Run							
□ Pool							
□ Flow	Present?	□ No	Vε	elocity (ft/sec):	:		
Downstream	1 View Physical I	Dimensions:	~	n ·	0		
DUTT IESTE CHEE	Distance from access point (m)	Width (m)		Length (m)	bed.	Avg. Depth (m)	Max Depth (m)
□ Riffle							
□ Run							
□ Pool							
□ Flow I	Present?	□ No	Ve	elocity (ft/sec):			
(TEX							****
	hese values should ado		- 0/ C1	Т	· ÷.	7	T
/0 00	15 /0 C	Gravel 20	// % Sand	5	% Silt	% Mud/Clay	% Bedroc
uatic Vegeta	tion*: (Note amoun	it of vegetation or	algal grow	th at the assess	ement si	te )	
					III.	,	
	None	observed					
ater Characte	eristics*: (Mark all	that apply.)	024 1	River bed.	_		
Odor:	☐ Sewage	☐ Musky	☐ Chem		√ □ None	☐ Other:	
Color:	☐ Clear	☐ Green			☐ Milky		
Bottom Deposit	t: 🗆 Sludge	☐ Solids			□ None		
Surface Deposit		□ Scum	☐ Foam		None None	☐ Other:	
···					1 MOHE	☐ Otner:	

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WBID #72\ Site #735	5
Date: 6 / 23 / 2006	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	

WBID # 72 | Site # 735

Date: 66 / 23 / 2066

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)						
	<ol> <li>Do you live in the area? ☐ Yes ☐ No</li> <li>If so, how long have you lived here?</li> </ol>					
2. Have you per If so, plea	rsonally used thi	s water body for re hat apply:	ecreation since 1975?	□ Yes □ No		
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	□ Other:		
	How often do you use it for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?  No					
If so, plea	se check ALL th	nat apply:	1	975? □ Yes □ No		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often have you observed it being used for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year – please describe:						
4. Additional Comments:						
Contact Information (if willing to provide): Name:						

Address:

WBID #	¥ 721	Site #	734
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Date: 06 / 23 / 06

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### Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization - 1 of 3

			t B must be completed	d to	or each site)	
Latitude (ddd.dddd):	N 38.6776	8			Arrival Time:	
Longitude (ddd.dddd): WO91.86854  Photo Ids: Upstream: Downstream:					16:00	
Photo Ids: Upstream:	1	Downs	stream:		Other:	
106-0685 106-0686						
arrative Description	of Location: (De	scribe	access point to stream, ne	earb	y roads, landmarks, etc.)	
			from 735			
urrounding Conditions of interest.)	ns*: (Mark all that )	oromo	te or impede recreational t	uses	s. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands		☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		Vational forests		☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	s sign					
ıman Uses Observed	*•					
☐ Swimming	☐ Skin diving		☐ SCUBA diving		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating		☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing		None of the above	☐ Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)						
idence of Human Us	e*:					
☐ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	] [	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	ב	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:						
urces of Pollution: (e.	g., trash dumping, ti	res, dr	ainages, discharges, etc.)			
		·				

WBID	#	7	2	1	Site	#	734
************	π_		1		SILE	Ħ	//

Date: 06 / 23 / 06

### Data Sheet B - Site Characterization - 2 of 3

ream Morph Unstream V	iology: Tiew Physical Din	nensions:	A12 / 4 = -1	)		
Cpstream v	Distance from access point (m)	Width (m)	Length (	1	Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
□ Pool						
☐ Flow	Present?	□ No	Velocity (ft/s	sec):		
Downstream	Niew Physical I Distance from access point (m)	Dimensions:	)ry Craek Length (		Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
□ Pool						
□ Flow	Present?	□ No	Velocity (ft/s	ec):		
h - 4 - 4 - 4 - 4 - 4 - 4	•			·		
ostrate^: (11 % Co	bble 50 %		% Sand	0/ 0:1	0/ 25 2/04	
70 00	70010 23 700	Glaver ( )	% Sand	O % Silt	% Mud/Clay	% Bedrock
uatic Vegeta	tion*: (Note amoun	t of vegetation or a	lgal growth at the as	sessment sit	re.)	
		re obser				
iter Characte	eristics*: (Mark all	that apply.)	ry creek	hod.		
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□ None	☐ Other:	
Color:	☐ Clear	☐ Green	□ Gray	☐ Milky	□ Other:	
Bottom Deposi	t: 🗆 Sludge	□ Solids	☐ Fine sediments	□ None	☐ Other:	
Surface Deposi	t: 🗆 Oil	□ Scum	☐ Foam	□ None	☐ Other:	
					- Cuici.	

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<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID #_	7a l	Site # _	734
Date:	1 23 1	2006	

## Data Sheet B - Site Characterization - 3 of 3

<b>omments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local nditions, problems in measuring, site relocation).	l

WBID # 721	Site	#	734
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Date: <u>6 / 23 / 2006</u>

### Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

1 copies as necessary for multiple interviews)

1. Do you live in the area?   Yes  No If so, how long have you lived here?					
2. Have you per If so, plea	rsonally used that ase check ALL t	is water body for re	ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often do you use it for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?  No					
	se check ALL t		T_		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting	
☐ Hunting	□ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often have you observed it being used for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year - please describe:					
4. Additional Comments:					
Contact Informa Name:	tion (if willing	to provide):			

Address:

WBID	#_721	Site #	733
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Date: 06/23/06

### Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd): /			Arrival Time:	Arrival Time:	
Longitude (ddd.dddd):  Photo Ids: Upstream:	W089.252	31	16:1	8	
Photo Ids: Upstream:	I	Downstream:	Other:	V	
106-0688		106-0687			
rrative Description	of Location: (De	scribe access point to stream, n	earby roads, landmarks, etc.)		
1 st cros	ssing an	94 east of 1	Mokane		
rrounding Condition is of interest.)	18*: (Mark all that p	promote or impede recreational	uses. Attach photos of evide	nce or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:		
man Uses Observed	*•				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:	
dence of Human Us		reating, frequency of use, photo			
□ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Track	
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:					
		14.			
	g., trash dumping, ti	res, drainages, discharges, etc.)			

<b>WBID</b> # <u>7 -</u>	2   Site # <b></b>	<b>≥</b> 733			4
Date: <u>06 /</u>					7
		a Sheet B - Site Ch	aracterization – 2 of	3	
Stream Mor	phology: View Physical Din	iensions.			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
Pool	100 m	2 m	20m.	.25 m	.3
☐ Flow	Present?	□ No	Velocity (ft/sec):		
Downstre	am View Physical I	Dimensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
☐ Run					
☐ Pool	140 m	3m	20 m	.25	. 3
☐ Flow	Present?	□ No	Velocity (ft/sec):	5. but not a	reasura bla
Substrate*•	(These values should ad	d up to 1000/ )			
		Gravel $60\%$	Sand 3 ~ % Sil	t 5 % Mud/Clay	% Bedrock
<u> </u>					/ Dedrock
Aquatic Veg	etation*: (Note amoun	t of vegetation or algal	growth at the assessment s	site.)	
	21% algae	÷ + + + + + + + + + + + + + + + + + + +			
Water Chara	ncteristics*: (Mark all	that apply.)			The second secon
Odor:	☐ Sewage		Chemical 🗆 Non	e	
Color:	□ Clear	□ Green □	Grav   Grav		

☐ Gray

☐ Foam

Fine sediments

☐ Milky

□ None

☐ None

☐ Other:

 $\square$  Other:

☐ Other:

☐ Green

☐ Solids

□ Scum

☐ Clear

☐ Sludge

□ Oil

**Bottom Deposit:** 

Surface Deposit:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

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WBID # 721 Site # 733	4
Date: 6 / 23 / 2006	
Data Sheet B - Site Characterization - 3 of 3	
<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique loca conditions, problems in measuring, site relocation).	1

WBID # 121	Site #	733
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Date: <u>4 / 23 / 2006</u>

### Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet C – Interviews

			sary for multiple inter	views)			
1. Do you live i		Yes □ No lived here?					
2. Have you per If so, plea	rsonally used thi	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
3. Have you obs	How often do you use it for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?  No						
If so, plea	ise check ALL t	hat apply:	1				
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
[	How often have you observed it being used for recreation?  More than 5 times per year  1 - 5 times per year  Less than 1 time per year – please describe:						
4. Additional Co	omments:						
Contact Informa Name:	tion (if willing	to provide):					

Address:

WBID	#_72	Site #	732
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Date: <u>06 / 23 / 06</u>

### Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization -1 of 3

(A separate Data Sheet B must be completed for each site)

	N.41.5290	99	Arrival Time:	
Longitude (ddd.dddd):	1.1000 300		16=	30
Photo Ids: Upstream:	Longitude (ddd.dddd): WOSS, 301152  Photo Ids: Upstream: Downstream:			
	9 106			
rrative Description	of Location: (De	scribe access point to stream, ne	arby roads, landmarks, etc.)	
(00 v	nefers down	Stream of 73	3	
rrounding Conditions of interest.)	ons*: (Mark all that p	promote or impede recreational u	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	
man Uses Observe				
	Claim dissing	☐ SCUBA diving	☐ Tubing	☐ Water skiing
Swimming	☐ Skin diving	LI SCOBA diving	1 doing	Water skilling
☐ Wind surfing	☐ Kayaking	☐ SCOBA diving ☐ Boating	□ Wading	☐ Rafting
☐ Wind surfing ☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Wind surfing ☐ Hunting Describe: (include num	☐ Kayaking ☐ Trapping ber of individuals rec	☐ Boating	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
☐ Wind surfing ☐ Hunting Describe: (include num	☐ Kayaking ☐ Trapping ber of individuals rec  se*:	☐ Boating ☐ Fishing reating, frequency of use, photo-	□ Wading □ None of the above documentation of evidence	☐ Rafting ☐ Other: of recreational uses, e
☐ Wind surfing ☐ Hunting Describe: (include num  dence of Human U ☐ Roads	☐ Kayaking ☐ Trapping ber of individuals rec  se*: ☐ Foot paths/prin	☐ Boating ☐ Fishing reating, frequency of use, photo-	□ Wading □ None of the above documentation of evidence □ Livestock Watering	☐ Rafting ☐ Other: of recreational uses, e
☐ Wind surfing ☐ Hunting Describe: (include num	☐ Kayaking ☐ Trapping ber of individuals rec  se*:	☐ Boating ☐ Fishing reating, frequency of use, photo-	□ Wading □ None of the above documentation of evidence	☐ Rafting ☐ Other:

JAG

ate: <u>O 6 /</u> _	13/06				
	Data	Sheet B - Site Cha	racterization – 2	of 3	
ream Mor Upstream	phology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
-					
Pool	240 m	2 m	20 m	1.25	1.5
□ Flow	Present?	□ No	V-1 : (0/ )	nineasurable	
Downstre	am View Physical I				
	access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Riffle					
	280	3 m	20 in	. 35	.4
□ Run	280 Present? □ Yes	3 m	Zeon Velocity (ft/sec):	.35	4
□ Run □ Pool □ Flow	Present?	⊠No		. 35	4
☐ Run ☐ Pool ☐ Flow  bstrate*:	Present?	☑ No d up to 100%.)	Velocity (ft/sec):		4
☐ Run ☐ Pool ☐ Flow  bstrate*:	Present?	☑ No d up to 100%.)			% Bedro
☐ Run ☐ Pool ☐ Flow  bstrate*:	Present?	d up to 100%.)  Gravel 60 % S	Velocity (ft/sec):	Silt \( \frac{\lambda}{\sigma} \% Mud/Clay	, <sup>L</sup> -( % Bedro
☐ Run ☐ Pool ☐ Flow  bstrate*:	Present?	d up to 100%.)  Gravel 60 % S	Velocity (ft/sec):  and 35% growth at the assessment	Silt \( \frac{\lambda}{\sigma} \% Mud/Clay	% Bedro

Water Characteristics\*: (Mark all that apply.)

Odor:	□ Sewage	☐ Musky	☐ Chemical	☑ None	☐ Other:	
Color:	□ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	٦
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	□None	☐ Other:	

JR3

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 721 Site # 732	5
Date: 6/23/2006	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	Į

WBID	#	721	Site #	732

Date: 6 / 23 / 2006

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet C – Interviews

	(Make addition	nal copies as necess	sary for multiple interv	views)
	n the area? □ `v long have you			
2. Have you per If so, plea	rsonally used things check ALL t	s water body for re hat apply:	creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	□ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs		5 times per year s per year 1 time per year – pl	lease describe:	
If so, plea	ise check ALL t	hat apply:		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
[			For recreation?	
4. Additional Co	omments:			
Contact Informa Name:	ation (if willing	to provide):		

Address:

WBID	#	721	Site #	731
	-			

Date: 06 / 23 / 06

## Field Data Sheets for Recreational Use Stream Surveys

### Data Sheet B - Site Characterization -1 of 3

Photo Ids: Upstream:				17	<b>Y</b>			
Photo Ids: Upstream:				Longitude (ddd.dddd): WOAL 46 400				
106.069		<i>7</i> 0 44 115	tream:	Other:				
	2	10	6-0691					
rrative Description of	f Location: (De	scribe	access point to stream, ne	arby roads, landmarks, etc.)				
	aunst ream							
rrounding Conditions as of interest.)	s*: (Mark all that p	oromo	te or impede recreational t	uses. Attach photos of evide	nce or unusual			
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks		Vational forests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence	□s	teep slopes	Other: Agricultu	~			
man Uses Observed*:	•			J				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:			
			5, rroquency of use, piloto-	documentation of evidence	or recreational uses, et			
dence of Human Use*	*•							
□ Roads	☐ Foot paths/prin	ts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Track			
	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
☐ Rope swings								

WBID #	721 Site # _ 7	31					4
Date: <u>06/</u>	231 06						
	Dat	a Sheet B - Site	Charac	terization	-2 of 3		
Stream Moi Upstrean	rphology: 1 View Physical Dir	nensions:					
	Distance from access point (m)	Width (m)		Length (m	n)	Avg. Depth (m)	Max Depth (m)
☐ Riffle				776			
Run	380	, 3		5m		.2	3
/Pool	·	3				<b>£</b>	
☐ Flow	Present?	□ No	Ve	locity (ft/sec		,	La
Downstre	eam View Physical 1	Dimonsions					
Downstre	Distance from access point (m)	Width (m)		Length (m	)	Avg. Depth (m)	Max Depth (m)
☐ Riffle							
☐ Run	405	2 m		5m		275	,15
☐ Pool							
☐ Flow	Present?  Yes	□ No	Vel	locity (ft/sec	): not	onwasurable	
Substrata*•	(These values should ac	11					
1		Gravel $60\%$ .)	% Sand	35	% Silt	5 % Mud/Clay	% Bedroc
		-					76 Bedioci
Aquatic Veg	etation*: (Note amoun	nt of vegetation or a	lgal growt	h at the asse	ssment sit	e.)	
	41% a	leae					
	- \	J					
Water Chara	acteristics*: (Mark al	l that apply )					
Odor:	☐ Sewage	☐ Musky	☐ Chem	nical	☑ None	☐ Other:	
Color:	☐ Clear	☐ Green	☐ Gray		☐ Milky	☐ Other:	
Bottom Der	oosit:	□ Solide		adimonta			

☐ Foam

Fine sediments

□ None

□ None

☐ Other:

☐ Other:

☐ Solids

□ Scum

☐ Sludge

□ Oil

Surface Deposit:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

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WBID#721	Site #731
Date: 6 / 23 /	2006
	Data Sheet B - Site Characterization - 3 of 3
Comments: Please (conditions, problems in	describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local measuring, site relocation).
Comments: Please (conditions, problems in	describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local neasuring, site relocation).

WBID #	Site #	731
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Date: 6 / 23 / 2004

## Field Data Sheets for Recreational Use Stream Surveys

	(Make addition	Data Sheet C – nal copies as neces	sary for multiple inter	views)
1. Do you live If so, how		Yes □ No lived here?		
2. Have you pe If so, ple	rsonally used the	is water body for re	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
			lease describe:	975? □ Yes □ No
If so, plea	se check ALL t	hat apply:		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
[			for recreation? ease describe:	
4. Additional Co	omments:			
Contact Informa Name:	ation (if willing	to provide):		

Address:



Site# 736 Photo ID# 106-0682, Upstream



Site# 735 Photo ID# 106-0681, Upstream



Site# 736 Photo ID# 106-0683, Downstream



Site# 735 Photo ID# 106-0679, Downstream



Site# 735 Photo ID# 106-0680, Dump site



Site# 734 Photo ID# 106-686, Downstream



Site# 734 Photo ID# 106-0685, Upstream



Site# 733 Photo ID# 106-0688, Upstream



**Site# 733 Photo ID# 106-0687, Downstream** 



**Site# 732 Photo ID# 106-0690, Downstream** 



Site# 732 Photo ID# 106-0689, Upstream



Site# 731 Photo ID# 106-0692, Upstream



Site# 731 Photo ID# 106-0691, Downstream